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| (51) International Patent Classification <sup>6</sup> :<br>C07H 21/04, C12Q 1/68  | A1 | (11) International Publication Number: WO 97/18228<br>(43) International Publication Date: 22 May 1997 (22.05.97)   |
| (21) International Application Number: PCT/US96/18474<br>(22) International Filing Date: 18 November 1996 (18.11.96)<br>(30) Priority Data:<br>08/558,545 16 November 1995 (16.11.95) US<br>(71) Applicant: TULARIK, INC. [US/US]; Two Corporate Drive,<br>South San Francisco, CA 94080 (US).<br>(72) Inventors: DE LA BROUSSE, Fabienne, Charles; Two Corporate<br>Drive, South San Francisco, CA 94080 (US). CHEN,<br>Jin-Long; Two Corporate Drive, South San Francisco, CA<br>94080 (US).<br>(74) Agents: BREZNER, David, J. et al.; Flehr, Hohbach, Test,<br>Albritton & Herbert, Suite 3400, 4 Embarcadero Center, San<br>Francisco, CA 94111-4187 (US). |    | (81) Designated States: AU, CA, JP, European patent (AT, BE,<br>CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,<br>PT, SE).<br><br>Published<br>With international search report. |
| (54) Title: THE TRANSCRIPTIONAL PROMOTER OF THE OBESITY GENE<br>(57) Abstract<br><p>The invention relates to the Ob gene transcriptional promoter. The subject promoters generally comprise a C/EBP binding site and a novel untranslated Ob gene exon. Ob gene promoters are used in diagnosis and pharmaceutical development. In particular, transfected adipocytes comprising Ob gene promoters operably linked to a reporter are used in high-throughput pharmaceutical screens.</p> <p style="text-align: center;">BEST AVAILABLE COPY</p>   |    |   |